

INEEL Biodecontamination of Concrete

- Technology - Removal of contaminated concrete surface using
 - naturally occurring microbes
 - passive degradation process
 - CRADA partnership, BNFL
- Benefits
 - Lower cost
 - Lower waste volume
 - Reduced worker exposure
 - Reduced risk of environmental release
- Progress
 - EBR-I demonstration completed: up to 8 mm depth removed after 14 months
 - INEEL - Warehouse floor demonstration in progress
 - Field test initiated at Capenhurst, UK
- Application
 - DOE complex
 - Commercial nuclear power industry
 - World-wide nuclear complex
 - Non-radioactive contaminated concrete

